

Docket No.: IMMR-0097B (034701-014) *DW*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Erik J. Shahoian

SERIAL NO.: 10/782,953

CONFIRMATION NO.: 7553

FILING DATE: February 23, 2004

TITLE: Haptic Interface Device And Actuator Assembly Providing Linear Haptic Sensations

EXAMINER: Lao, Lun Yi

PART UNIT: 2629

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date printed below:

Date: 4/19/07

Name: *Monica Pizzuto*

Monica Pizzuto

Mail Stop: AMENDMENT
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

In compliance with the duty of disclosure under 37 C.F.R. §§ 1.56, 1.97 and 1.98, applicant hereby submits this Information Disclosure Statement (IDS) including a Form PTO-1449 containing a list of references which may be material to the examination of the above-referenced application. This submission is not to be construed as a representation that a prior art search has been conducted, that additional information material to the examination of this application does not exist, or that any one or more of the listed references constitutes prior art.

The Examiner is urged to carefully consider this Information Disclosure Statement and the listed references, and to indicate same by initialing the appropriate portion(s) of the Form PTO-1449 and forwarding an initialed copy to applicant.

Pursuant to 37 C.F.R. § 1.98(2) legible copies of prior art references other than U.S. Patents and U.S. Patent Application Publications are attached.

SV #286212 v1

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MS/

04/23/2007 FHETEK11 00000011 10782953 180.00 0P 01FC:1806

I

This statement is filed pursuant to (**CHECK ONE BOX**):

☐

37 C.F.R. § 1.97(b).

This information disclosure statement is filed either:

- (1) within three months of the filing date of a national application other than a continued prosecution application under §1.53(d);
- (2) within three months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application;
- (3) before the mailing date of a first office action on the merits; **or**
- (4) before the mailing of a first office action after the filing of a Request for Continued Examination under 37 C.F.R. §1.114, **whichever event occurs last.**

Accordingly, this information disclosure statement requires no fee and no certification.

☒

37 C.F.R. § 1.97(c).

This information disclosure statement is filed **after** the period specified in 37 C.F.R. § 1.97(b), but **before** the mailing date of any of the following:

- (1) a final action under 37 C.F.R. § 1.113;
- (2) a notice of allowance under 37 C.F.R. § 1.311; **or**
- (3) an action that otherwise closes prosecution in the application.

Accordingly, this information disclosure statement requires either:

- (1) the fee specified in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c); **or**
- (2) a certification according to 37 C.F.R. § 1.97 (e)(1) or (2).

☐

37 C.F.R. § 1.97(d).

This information disclosure statement is filed **after** the period specified in 37 C.F.R. § 1.97 (c).

Accordingly, this information disclosure statement requires:

- (1) a certification in accordance with 37 C.F.R. § 1.97(e); **and**
- (2) the fee specified in 37 C.F.R. § 1.17 (p) to consider an information disclosure statement under 37 C.F.R. § 1.97(d).

If this statement crosses in the mail with an office action, or is otherwise not in the indicated category of 37 C.F.R. §1.97, it is respectfully requested that this statement be treated in the next appropriate category and made of record. **To the extent required, please treat this paper as a conditional petition for acceptance of the information disclosure statement.**

II

Fees Due (**CHECK ONE BOX**):

- ☐ No fee is due.
- ☒ The fee specified in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c) or 37 C.F.R. § 1.97(d) is enclosed (**\$180**).

III

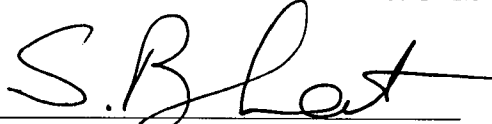
Certification (**CHECK ONE BOX**):

- ☒ No certification is necessary.
- ☐ Pursuant to 37 C.F.R. § 1.97(e)(1), the undersigned hereby certifies:
That each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.
- ☐ Pursuant to 37 C.F.R. § 1.97(e)(2), the undersigned hereby certifies:
No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this information disclosure statement.

IV

Please charge any additional required fee or credit any overpayment to our deposit account number 50-1698.

Respectfully submitted,
THELEN REID BROWN RAYSMAN & STEINER LLP



Suvashis Bhattacharya
Reg. No. 46,554

Dated: April 19, 2007

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Form PTO 1449 (Rev. 2-2002)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. IMMR-0097B (034701-014)	Serial No. 10/782,953
Information Disclosure Statement by Applicant		Applicant: Erik J. Shahoian	
(Use several sheets if necessary)		Filed: 02/23/2004	Group: 2629

U.S. Patent Documents

Init.	Document No.	Date	Name	Class	Subclass	Filing Date
/MS/	3,623,046	11/23/1971	Scourtes			
	4,382,217	05/03/1983	Horner et al.			
	4,897,582	01/30/1990	Otten et al.			
	5,184,310	02/02/1993	Takenouchi			
	5,194,786	03/16/1993	Smith et al.			
	5,334,893	08/02/1994	Oudet et al.			
	5,649,020	07/15/1997	McClurg et al.			
	5,731,804	03/24/1998	Rosenberg			
	5,828,197	10/27/1998	Martin et al.			
	6,057,753	05/02/2000	Myers			
	6,171,191	01/09/2001	Ogata et al.			
	6,216,059	04/10/2001	Ierymenko			
	6,394,239	05/28/2002	Carlson			
	6,639,581	10/28/2003	Moore et al.			
	6,686,901	02/03/2004	Rosenberg			
	6,697,043	02/24/2004	Shahoian			
/MS/	6,717,573	04/06/2004	Shahoian et al.			

U.S. Publication Documents

Init.	Document No.	Date	Name	Class	Subclass	Filing Date
/MS/	2002/0030663	03/14/2002	Tierling et al.			

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

/MS/	Jackson, K. M., "Linearity of Radio-Frequency Transducers," Medical and Biological Engineering and Computer, July 1977, pp. 446-449.

/Mansour Said/

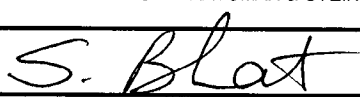
04/30/2008

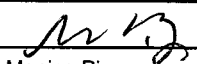
Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MS/

TYPE TRANSMITTAL FORM APR 23 2004 (to be used for all correspondence after initial filing)	Application Number	10/782,953	
	Filing Date	February 23, 2004	
	First Named Inventor	Erik J. Shahoian	
	Art Unit	2629	
	Examiner Name	Lao, Lun Yi	
Total Number of Pages in This Submission	6	Attorney Docket Number	IMMR-0097B (034701-014)

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1 piece of art Credit Card Payment Form
Remarks 		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm	THELEN REID BROWN RAYSMAN & STEINER LLP		
Signature			
Printed Name	Suvashis Bhattacharya		
Date	4/19/07	Reg. No.	46,554

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Signature			
Typed or printed name	Monica Pizarro	Date	4/19/07

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MS/